रजिस्ट्री सं० डी० एल०—33001/93

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Calcutta, the 3rd April 1993

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 3 अप्रैल 1993

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा दीव एवं दादरा और नगर हवेली ।
तार पता—"पेटोफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, वालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप, मिनिकाय तथा अमिनिदिवि द्वीप ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

REGISTRATION OF PATENT AGENTS (DELETION)

The names of the following Patent Agents have been deleted from the Register of Patent Agents under Rule 101(1)(d) of the Patents Rules, 1972 :—

1. Kumari N. S. Shah
   Anant Ashish,
   Amrakunj Extension,
   Near Atmajyoti Ashram,
   Baroda-390 007.
2. Shri V. C. Singh
   7/111, Gita Sion (West),
   Bombay-400 022.
3. Ms. Jyoti Gupta
   C/o Remfry & Sagar
   Remfry House,
   8, Nangal Raya Business Centre,
   New Delhi-110046.
4. Shri M. R. Menon
   5, Sukh Dham,
   199, Gaothan Road-1,
   Chembur, Bombay-400071.
5. Shri Amar Kumar Bhaumik
   M. B. Road, Sibachal More,
   Birati, Calcutta-700051.
6. Shri S. C. Pal,
   65, Sisir Bhaduri Street,
   Sibachal, Birati,
   Calcutta-700051.
7. Mr. M. P. Mirchandani
   C/o M. P. Mirchandani & Co.
   57, Sneh Sadan,
   Opp. Colaba Post Office,
   Bombay-400005.
8. Mrs. D. Shanthi,
   64, Armenian Street,
   Madras-600001.
9. Shri K. Harish
   64, Armenian Street,
   Madras-600 001.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20.

The dated shown in the crescent branch are the dates claimed under section 135, of the Patents Act, 1970.

23rd February 1993

116/Cal/93. Dr. Wolf Johnssen. Method for generating electric energy from biological raw materials.

117/Cal/93. Hitachi Construction Machinery Co. Ltd. Brake valve.

118/Cal/93. Hoechst Celanese Corporation. Process for the preparation of arylethylamines & substituted arylethylamines.

119/Cal/93. Hoechst Celanese Corporation. Process for the preparation of arylethylamines & substituted arylethylamines.

25th February 1993

120/Cal/93. Michael John Radley Young, and Brian Robert Denis Peter Bradnock. Apparatus for ultrasonic therapeutic treatment.
(Convention No. 9204021.1 dated 25-2-92 in United Kingdom).

121/Cal/93. Technological Resources PTY. Limited. A smelting reduction method with high producuvity.

122/Cal/93. Michael John Radley Young and Brian Robert Denis Peter Bradnock. Apparatus for ultrasonic therapeutic treatment.

26th February 1993

123/Cal/93. E.I. Du Pont De Nemours and Company. Blend of cotton, nylon and heat-resistant fibers.
(Divided out of No. 658/Cal/89 dated 11-8-89).

1st March 1993

124/Cal/93. Reckitt & Colman of India Limited. A mat machine.

125/Cal/93. Metallgesellschaft. Aktiengesellschaft. Fluidized bed reactor comprising a nozzle grate.

2nd March 1993

126/Cal/93. M/s Steelsworth Limited. Improved conveyor belt system for CTC machines.

127/Cal/93. Chandar Parkash Kant. Kant process and machine for multicolour printing with single impression.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

15th February 1993

108/MAS/93. (G. V. Natarajan) Guddam Venkatachalapathy Natarajan. New Electric three pin three way and three and two pin plugs.

109/MAS/93. Somena Halli Venkateseshachar Janardan. A carburetion system for petrol engines.

110/MAS/93. Hoechst Aktiengesellschaft. Purification of fluorinated carboxylic acids.

111/MAS/93. Institut Francais Du Petrole and Rosi S.A. Exhaust manifold with catalytic wall for internal combustion engines.

112/MAS/93. Homola, Andrew M. and Dunton Ronald K. Poly (fluorinated ethylene) coatings.

113/MAS/93. A Ahlstrom Corporation. Preheater for preheating air for example in a blast furnace plant.

16th February 1993

114/MAS/93. Girivas Viswanath Shet. A method of providing foreign tourists with videographer-cum-guide with vehicle operating.

115/MAS/93. Oliver Rex Anto Emmanuel. A convertiplane.

116/MAS/93. IF A Institute for produktions & Arbetsplatsutvecking AB. Improvements in molten metal handling vessels.

117/MAS/93. Snamprogetti S p A. Process for re-starting the separation of a pipeline containing fluids with a high value of yield stress and device for carrying it out.

118/MAS/93. Amsted Industries Incorporated. Railway Drawbar with Fabricated section.

119/MAS/93. Rieter Ingolstadt. A method and apparatus for regulating a draw frame.

17th February 1993

120/MAS/93. Comalco Aluminium Limited. Improvements in Alumina Plants. (February 19, 1992; Australia).

121/MAS/93. Zellwecher Uster AG. Process and device for detecting impurities in a textile test material.

122/MAS/93. PPS Project Promotion Services AB. A heat and power co-generation plant.

18th February 1993

123/MAS/93. K. Seshadri and V. Ramarathnam. Process-Technology to improve efficiency and fule consumption of 4 stroke spark ignition or compression-ignition—internal combustion engines.

124/MAS/93. P. D. Joseph. Kinogen.

125/MAS/93. G. Raja. Dedu.

126/MAS/93. Hercules Incorporated. Assembly and method for attaching a pressure vessel to another object.

19th February 1993

127/MAS/93. The Green Cross Corporation. Composition containing allyl isothiocyanate and its use.

128/MAS/93. Woltech (Proprietary) Limited. Decorative article.

129/MAS/93. Indena S.p.A. Baccatine III Derivative .

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, IIIRD FLOOR, KAROL BAGH, NEW DELHI-5.

25th January 1993

54/Del/93. Vinod Kumar Agarwal, "Improved latrine septic tank".

55/Del/93. Alan Ross, "Near-end communications line characteristics measuring system".

56/Del/93. Honda Giken Kogyo Kabushiki Kaisha, "Non-contacting position detecting apparatus".

57/Del/93. Asea Brown Boveri AB., "Surge arrester arrangement".

58/Del/93. The Procter & Gamble Company, "Detergent compositions inhibiting dye transfer in washing". (Convention date 31-1-1992) (U.K.).

59/Del/93. The Procter & Gamble Company, "Detergent Compositions inhibiting dye transfer in washing". (Convention date 31-1-1992) (U.K.).

60/Del/93. The Procter & Gamble Company, "Detergent compositions inhibiting dye transfer in washing". (Convention date 31-1-1992) (U.K.).

61/Del/93. The Procter & Gamble Company, "Liquid hard surface detergent compositions containing zwitterionic and cationic detergent surfacetants and monoethanolamine and/or beta-aminoalkanol".

27th January 1993

62/Del/93. Devendra Kumar, "A device for treating and clarifying the semi-clear filterate of a sugar factory.

63/Del/93. Motorola, INC., "Frequency offset method and apparatus for use in a transceiver".

64/Del/93. Rohm and Haas Company. "A process for the preparation of a multi-stage polymer".

65/Del/93. The whitaker corporation, "Vertical mount connector".

28th January 1993

66/Del/93. The Procter & Gamble Company, "Multifunctional device for receiving and dispensing a pourable product and closing a flexible bag". (Convention date 3-2-92) (U.K.)

67/Del/93. Thakur Anmol Singh & Thakur Kamal Singh, "The improved tyre named as SHRI KAoI TYRES".

68/Del/93. Council of Scientific and Industrial Research, "An improved process for impregnation of active emissive compound into sintered porous tungsten matrix cathode pellet".

69/Del/93. Council of Scientific and Industrial Research, "An improved electrode for sensing hydrogen ion concentration in a solution.

70/Del/93. Council of Scientific and Industrial Research, "An improved process for the preparation of a noval semiconductor oxide powder and a negative electrode for rechargeable batteries.

71/Del/93. Council of Scientific and Industrial Research, "A device for dual fuel operation of diesel engines with alcohols".

72/Del/93. Council of Scientific and Industrial Research, "An improved process for the preparation of litnium manganese oxide useful as cathode material in secondary lithium manganese dioxide cells and lithium-manganese dioxide cells prepared thereby".

73/Del/93. Council of Scientific and Industrial Research, "An Improved process for the production of high alumina ceramics having consistent quality".

74/Del/93. Council of Scientific and Industrial Research, "An Improved method for the manufacture of extreme pressure industrial gear oil".

75/Del/93. Council of Scientific and Industrial Research. "An Improved self closing device for controlling the flow of fluids from a reservoir".

76/Del/93. Council of Scientific and Industrial Research, "An Improved process for the production of adipic acid".

77/Del/93. W.R. Grace & Co-Conn, process for removal of chlorophyll and color bodies from Glyceride oils using amorphous silica alumina".

78/Del/93. Dorr-Oliver incorporated, "Froth floation machine".

79/Del/93. Bayer antwerpen N.V., "Process for the purification of cyclohexanone".

29th January 1993

80/Del/93. Isap omv Group Spa. "Method and apparatus for thermoforming and staking of hollow objects".

81/Del/93. Albright & Wilson Limited, "Nitrosamine & nitrite inhibition".
(Convention date 31-1-1992) (U.K.).

82/Del/93. General Tire, Inc. "Method of correcting lateral force variations in a pneumatic tire".

83/Del/93. Motorola Inc. "High dynamic range modulation independent feed forward amplifier network".

84/Del/93. Dan Merritt "Internal combustion engine".
(Convention date 7-5-1988).
[Divisional date 5-5-1989].

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं । विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए ।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तरराष्ट्रीय वर्गीकरण के अनुरूप हैं ।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियां की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है । विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है ।

Ind. Class : 128-G [GROUP- XIX(2)] 172091

Int. Cl.[4] : A 61 M 1/00.

BLOOD OXYGENATOR APPARATUS.

Applicant : MACCHI ENGENHARIA BIOMEDICA LTD., A BRAZILIAN COMPANY OF Av. SANTA CATARINA, 2580 04378—SAO PAULO—SP, BRAZIL.

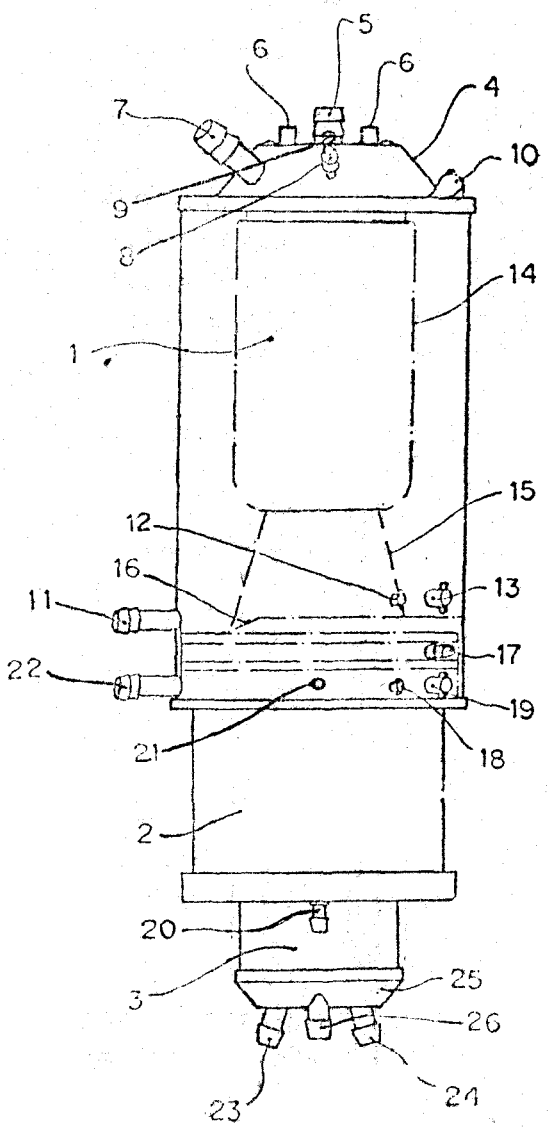
Inventors : (1) ADIB DOMINGOS JATENE AND (2) JOSE FRANCISCO BISCEGLI.

Application No. 683/MAS/88 filed September 30, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patents Office, Madras Branch.

2 Claims

Blood oxygenator apparatus for use in an extracorporeal blood circulation system with a blood pumping device (27) having a blood inlet and a blood outlet, said blood oxygenator apparatus comprising a rigid reservoir (1) for the blood, having a blood inlet and a blood outlet an oxygenation chamber (2) having a blood inlet and a blood outlet a heat exchanger (3) having a blood inlet and a blood outlet, wherein the reservoir (1), oxygenation chamber (2) and heat exchanger (3) are all integrally formed in one piece; said blood inlet of the said oxygenation chamber (2) is directly connected to said blood outlet of the said heat exchanger (3) and the blood outlet of the said reservoir (1) and the blood inlet of the said heat exchanger (3) are connectable to the blood inlet and blood outlet of the said pumping device (27) respectively.



(Com. 15 pages; Drwgs 2 sheets)

Ind. Class : 156-H [GROUP—XLVII(3)] 172092

Int. Cl.[4] : F 04 B 19/22.

A COMPRESSOR ASSEMBLY.

Applicant : TECUNSEH PRODUCTS COMPANY, OF 100 EAST PATTERSON STREET, TECUNSEH, MICHIGAN 49286, UNITED STATES OF AMERICA, A CORPORATION OF THE STATE OF MICHIGAN, UNITED STATES OF AMERICA.

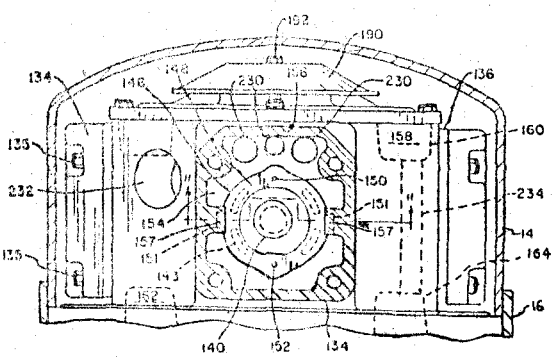
Inventors : (1) GEORGE WILLIAM GATECLIFF AND (2) ELWIN LEFLORE GANNAWAY.

Application No. 725/MAS/88 filed October 17, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patents Office, Madras Branch.

12 Claims

A compressor assembly comprising a housing (14); a crankcase (46) within said housing having a plurality of radially disposed cylinders; a crankshaft (32) rotatably journalled in said crankcase and having an eccentric portion; a plurality of pistons (96) reciprocable in respective said cylinders, each piston having a suction opening therethrough; valve means associated with each of said plurality of pistons for opening and closing said suction means having an axially guided valve member (116); a scotch yoke mechanism (94) operably associated with said eccentric portion and having a reciprocating yoke member associated with each of said plurality of pistons, mounting means associated with each of said plurality of pistons for both mounting the valve means to the radially outer face of the piston and mounting and piston to the yoke member, said mounting means comprising a unitary elongated member (124) being attached at one end thereof to the yoke member and having means (120, 122) at the other end thereof for guiding and retaining the valve member adjacent the radially outer face of the piston.



(Com. 28 pages; Drwgs 4 sheets)

Ind. Class : 143-D_2 [GROUP—XL(5)] 172093

Int. Cl.[4] : B 65 D 81/18; 83/00.

A VACUUM PACK.

Applicant : JACOBS SUCHARD AG, OF SEEFELDQUAI 17 CH-8008 ZURICH, SWITZERLAND, A SWISS COMPANY.

Inventors : (1) GERHARD CLAUSING, (2) GERHARD HEMM AND (3) HEIKO PIETZSCH.

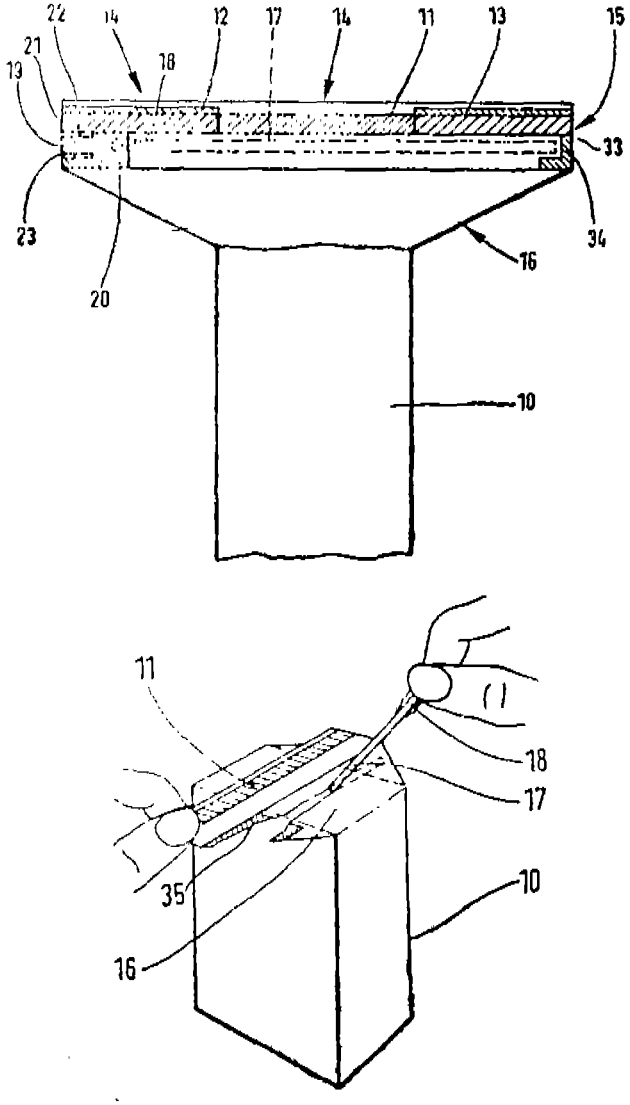
Application No. 751/MAS/88 filed October 27, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patents Office, Madras Branch.

10 Claims

A vacuum pack comprising a tube of multilayer composite sheet material capable of having a pourable product in the form of a block which is stable in respect of shape, a top closure seam in the region of a fin fold, and a tear-open strip in the region of the said fin fold under the said top closure seam and extending into the region of a grip tab formed at the edge by punch cuts in the composite sheets welded at that

point, a gripping end (18) of the said tear-open strip (17) facing towards the said grip tab (19) is spaced from the said punch cuts (22, 23, 26, 27, 28, 29) of the said grip tab (19) at a distance to ensure the leaktightness of the composite sheets welded to one another in this region.



(Com. 16 pages; Drwgs. 6 sheets)

Ind. Class : 126-B [GROUP—LVIII(6)] 172094

Int. Cl. : G 01 V 3/18.

A LOGGING APPARATUS FOR DETERMINING THE RESISTIVITY OF EARTH FORMATIONS SURROUNDING A BOREHOLE.

Applicant : SCHLUMBERGER LIMITED, A CORPORATION OF THE NETHERLANDS ANTILLES OF 277 PARK AVENUE, NEW YORK, NEW YORK, 10172, U.S.A.

Inventors : (1) BRIAN CLARK, (2) JACQUES JUNDT, (3) MARTIN LULING AND (4) MICHAEL ROSS.

Application No. 760/MAS/88 filed October 31, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patents Office, Madras Branch.

12 Claims

A logging apparatus for determining the resistivity of earth formations surrounding a borehole, comprising :

an elongated generally cylindrical housing moveable through said borehole;

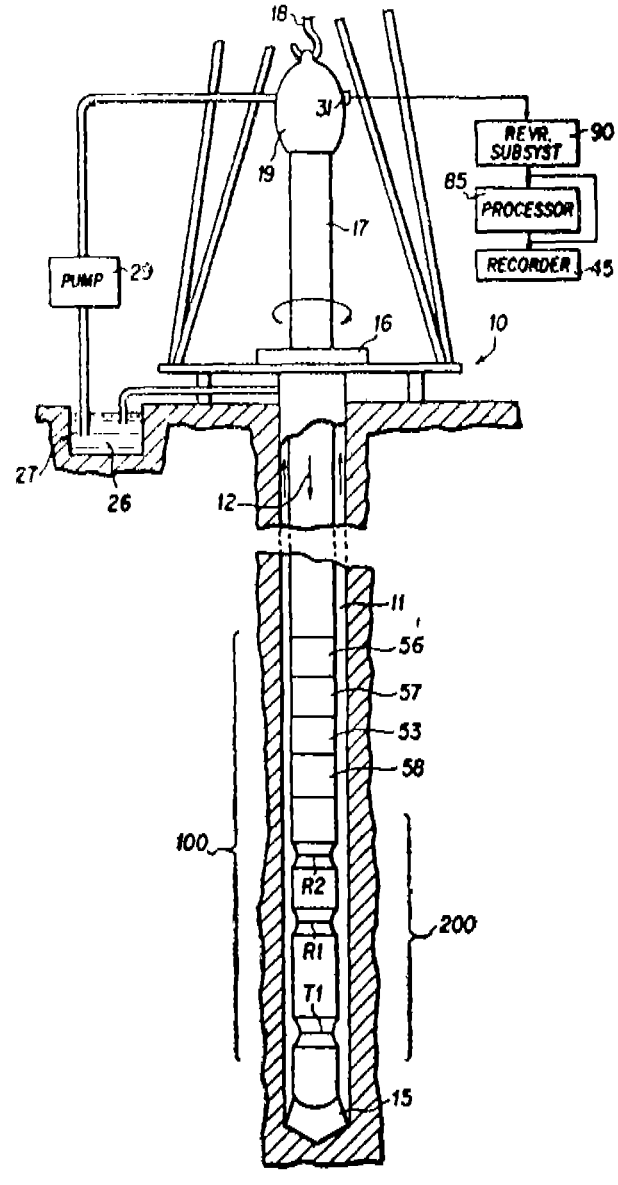
at least one transmitter mounted on said housing for generating electromagnetic wave energy at a first location in the borehole;

at least one receiver mounted on said housing for receiving electromagnetic wave energy at second and third locations in the borehole, said second and third locations being successively spaced longitudinally in the borehole from said first location;

a circuit for detecting the phase shaft between electromagnetic energy received at said second and third locations in the borehole;

a circuit for detecting the attenuation between electromagnetic energy received at said second and third locations in the borehole;

a system for determining, as a function of the detected phase shaft, the resistivity of formations at a relatively shallow depth of investigation around said second and third locations and for determining, as a function of the detected attenuation, the resistivity of formations at a relatively deep depth of investigation around said second and third locations.



(Com. 64 pages; Drwgs. 28 sheets)

Ind. Class : 172-E [GROUP—XX] 172095

Int. Cl.[4] : B 65 H 54/02.

A DEVICE FOR LAYING THREAD ON A CHEESE AT A NUMBER OF SPOOLING STATIONS.

Applicant : SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT, OF FRIEDRICH-EBERT-STRASSE 84, 8070 INGOLSTADT, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

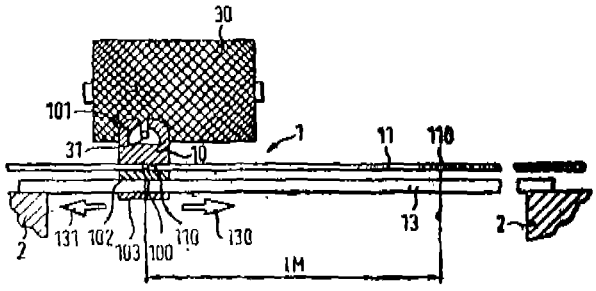
Inventors : (1) HANS KUEHL, (2) JOSEF FEIMER AND (3) RUDOLF REEBER.

Application No. 766/MAS/88 filed November 2, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

36 Claims

A device for laying a thread on a cheese at a number of spooling stations (3) having a thread guide (10) and operating in parallel comprising a cross-winding element (11, 12) connecting the said thread guides (10), a cross-winding drive (50, 51, 52, 53, 501) for moving the said cross-winding element (11, 12) and the said thread guide (10) along the said spooling stations (3) wherein the said cross-winding element (11, 12) is drawn in both directions by the said cross-winding drive (50, 51, 52, 53, 501) when moving along the said spooling stations (3).



(Com. 28 pages; Drwgs. 4 sheets)

Ind. Class : 5-C [GROUP—I(1)] 172096

Int. Cl.[4] : A 01 D 41/00.

SELF-PROPELLING HARVESTER THRESHER.

Applicant : CLAAS OHG, OF POSTFACH 1140, D-4834 HARSEWINKEL 1, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

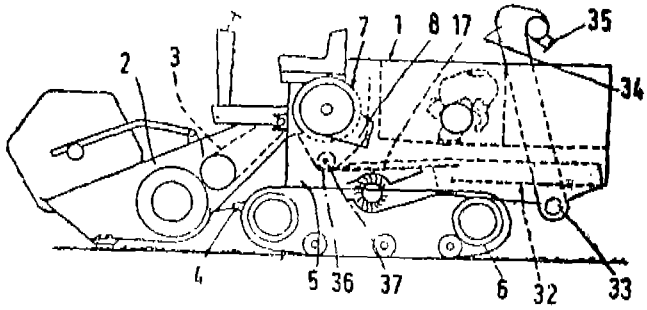
Inventor : FRANZ HEIDJANN.

Application No. 775/MAS/88 filed November 7, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

A self-propelling harvester thresher, particularly a caterpillar-driven small harvester thresher for rice or the like, comprising a threshing and separating mechanism operating in accordance with an axial flow system and extending transversly to a travelling direction; a sieve device for separating a grain-chaff mixture and having a transporting bottom; and a transporting device to transport the grain-chaff mixture from said threshing and separating mechanism to said sieve device, said transporting device having a trough and at least one collecting and transferring screw which is supported in said trough and which extends transversely to the travelling direction having two oppositely running screw plates provided on its ends and a throwing scoop provided in its center, said collecting and transferring screw and said trough being located before said transporting bottom as considered in a product through going direction and substantially in a same horizontal plane with said transporting bottom.



(Com. 14 pages; Drwgs. 2 sheets)

Ind. Class : 69-E_3 [GROUP—LVII(3)] 172097

Int. Cl.[4] : G 08 C 17/00.

AN ELECTRICAL INFORMATION TRANSMISSION CIRCUIT.

Applicant : MASCHINENFABRIK RIETER AG., OF CH-8406 WINTERTHUR, SWITZERLAND.

Inventor : URS MEYER.

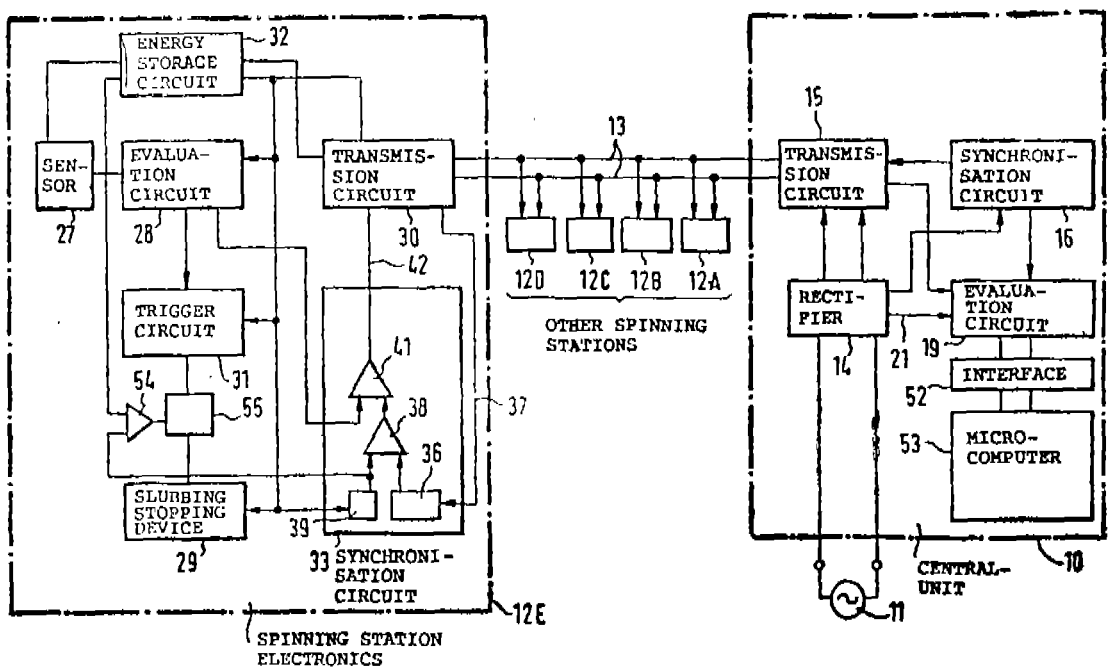
Application No. 794/MAS/88 filed November 11, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

20 Claims

An electrical information transmission circuit comprising a plurality of production stations, more particularly a yarn manufacturing machine, in which each production station has an associated monitoring station with a monitoring sensor the monitoring sensor signals being fed to a central unit (10) via leads, characterised in that the central unit feeds a feed voltage having a regularly recurring modulation to the individual monitoring stations (12A—12E) via a pair of lines (13) each such monitoring station being connected to the pair of lines, the modulation consists of a plurality of consecutive similar sections, each associated with one of the monitoring stations and detected by the latter by means of a counting device (36), each monitoring stations has a marking device (43, 44) which, in the event of an incident detected by the associated monitoring sensor (27), effects a marking (46) of the section or

sections associated with the respective monitoring station, and the central unit comprises a recognition circuit (19, 47, 48) for identifying the markings and the monitoring stations associated with the respective markings.



(Com. 23 pages; Drwgs. 3 sheets)

Ind. Class: 128-A [GROUP—XIV(2)] 172098

Int. Cl.[4]: A 61 F 5/441.

FIBROUS ADSORBENT ARTICLES.

Applicant: U.O.P., A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, U.S.A., OF 25 EAST ALGONQUIN ROAD, DES PLAINES, STATE OF ILLINOIS-60017-5017, U.S.A.

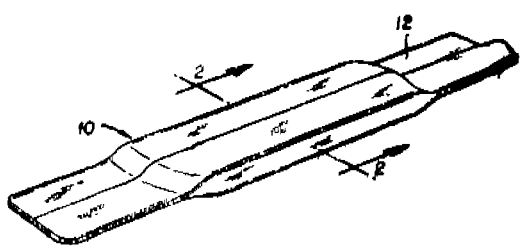
Inventors: (1) BONITA KRISTOFFERSEN MARCUS (2) ANTHONY JOSEPH GIOFFRE.

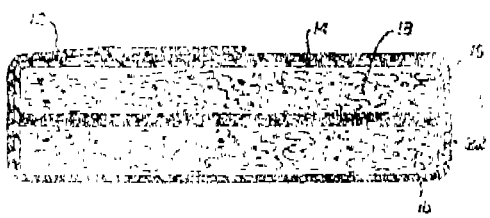
Application No. 883/MAS/88 filed December 13, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

21 Claims

A fibrous absorbent article for absorbing body fluids comprising a fibrous material defining a structure suitable for absorbing body fluids and an effective amount to reduce odors from the body fluids of crystalline siliceous molecular sieve such as herein described in which at least about 90 percent of the framework tetrahedral oxide units are SiO_2 tetrahedra, having pore diameters of at least about 5.5 Angstroms and having a capacity for absorbed water not greater than 10 weight percent under Standard Conditions.





(Com. 32 pages; Drwgs. 1 sheet)

Ind. Class: 128-F [GROUP—XIX(2)] 172095

Int. Cl.[4]: A 61 M 5/00.

NON-REUSABLE SYRINGE.

Applicant & Inventor: JACQUES VERLIER, OF 16, RUE MICHEL SERVET/1206 GENEVA, SWITZERLAND, SWISS CITIZEN.

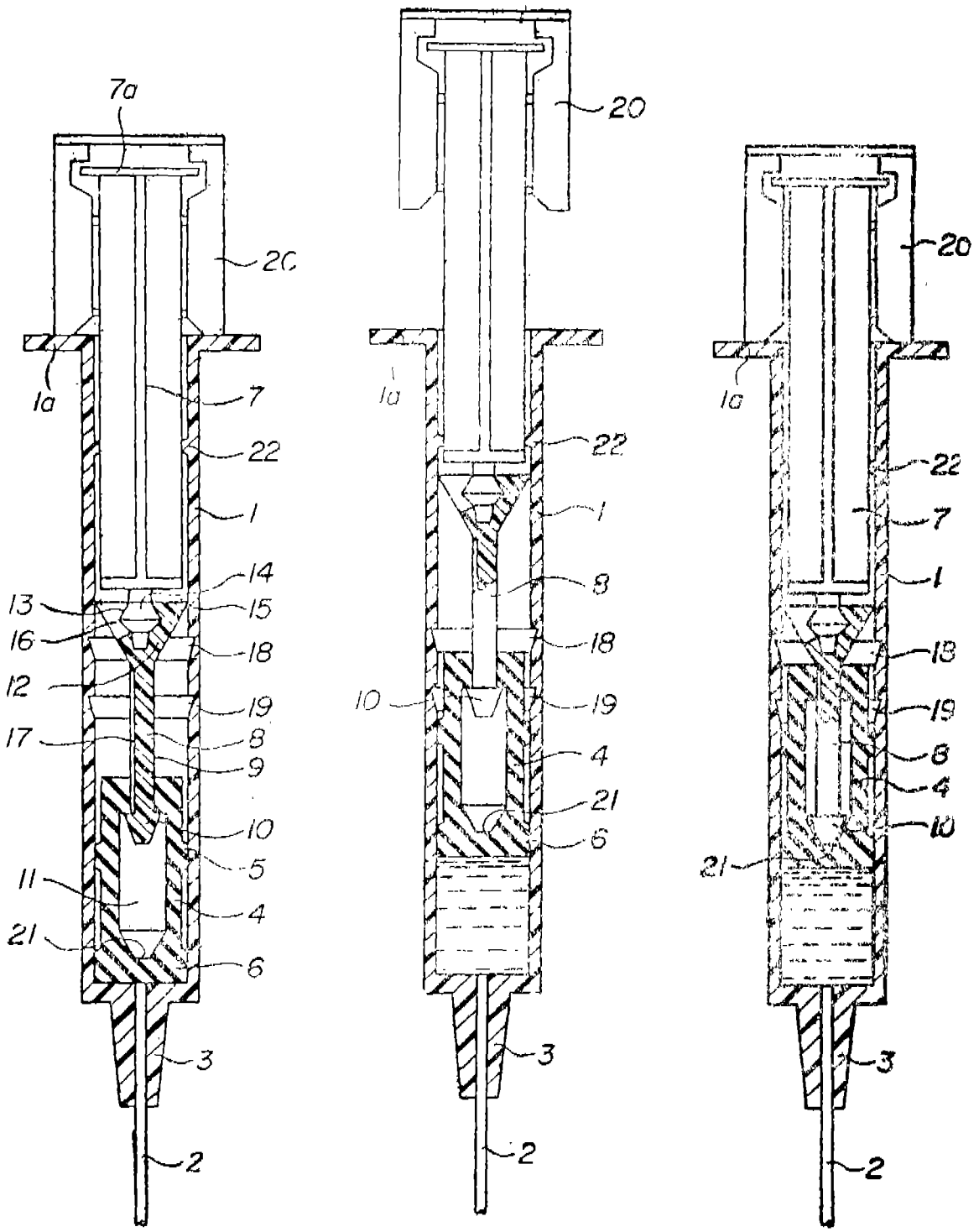
Application No. 901/MAS/88 filed December 20, 1988.

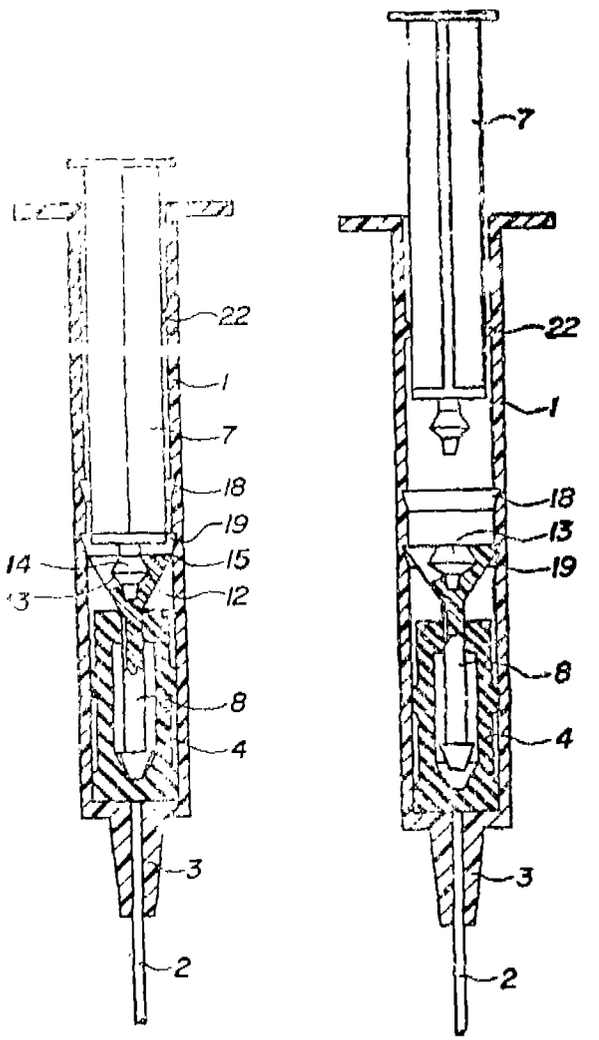
Appropriate Office for Opposition Proceedings (Rule Patents Rules, 1972), Patent Office, Madras Branch.

13 Claims

A non-reusable syringe having a hollow syringe barrle wit a first open end adapted for receiving a hypodermic needl and a second open end opposite said first end, a plung assembly reciprocable in said syringe barrle, said assembl comprising a plunger rod and a piston member, and being prc vided with resilient blocking means having at least one peri pheral portion tending to be applied to the inside wall of sai syringe barrle, said inside wall having at least a first rece with a substantially sharp edge, said recess extending from said edge towards said first open end of the syringe barrle said peripheral portion of said resilient means being arranger so as to be capable of becoming engaged with said edge prevent a retraction of the plunger rod in the direction of sai second open end of the syringe barrle beyond a position i which said peripheral portion is engaged with said edge where

in said resilent blocking means are provided on said plunger rod and said plunger rod has a first end portion extending through said second open end of the syringe barrle, and a second end portion which is slidably connected with said piston member so as to allow a limited relative movement of said plunger rod with respect to said piston member.





(Com. 18 pages; Drwgs. 3 sheets)

Ind. Class : 195-B [GROUP—XXIX(3)] 172100

Int. Cl.[4]; F 16 K 25/04.

A VALVE COMPRISING A VALVE MEMBER ELEMENT.

Applicant ; DARTNALL ENGINEERING & INNOVATION PTY. LTD., A COMPANY INCORPORATED IN THE STATE OF WESTERN AUSTRALIA, OF 15 ALNESS STREET, APPLECROSS, STATE OF WESTERN AUSTRALIA, COMMONWEALTH OF AUSTRALIA.

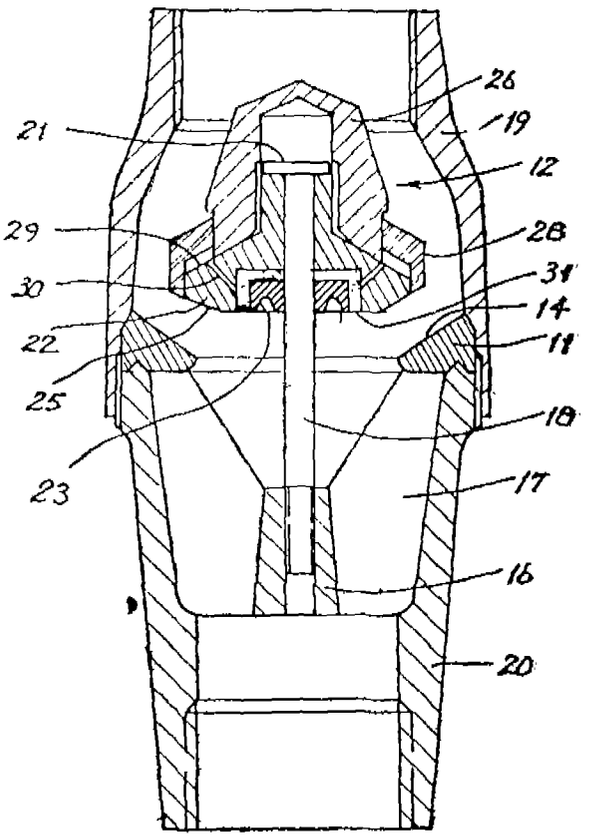
Inventor : WILLIAM JOHN DARTNALL.

Application No. 934/MAS/88 filed December 30, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

14 Claims

A valve comprising a valve member element engageable with a valve seat element provided in a valve body to close said valve, an annular seal slidably supported on one of said valve elements and having an axial end face sealingly engageable with the other valve element on engagement of the valve member element with the valve seat element, said axial end face providing at least some of the sealing between the valve member element and valve seat element, said seal defining a closed spaced between the one valve element and said annular seal, said closed space being in communication with the low pressure side of the valve when the valve is closed, the exterior of the seal being subject to the pressure at the high pressure side of the valve when the valve is closed whereby the seal subjected to a force in the direction of the other valve element when said valve is closed as a result of the differential in pressure present on either side of the valve member element.



(Com. 13 pages; Drwgs. 12 sheets)

Ind. Cl. : 104 J. 172101

Int. Cl.[4] : C 08 C 1/02.

A METHOD FOR PRODUCING A LOW MOLECULAR WEIGHT RUBBER LATEX.

Applicant : THE MALAYSIAN RUBBER PRODUCERS' RESEARCH ASSOCIATION, A BRITISH BODY CORPORATE, OF TUN ABDUL RAZAK LABORATORY, BRICKENDONBURY, HERTFORD SG13 8NL, ENGLAND.

Inventor : KEITH FREDERICK GAZELEY, PETER GUSTAVE MENTE.

Convention date 2nd December 1985/8529685/U.K.

Application for Patent No. 1036/DEL/86 filed on 27th November 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

6 Claims

A method for producing a low molecular weight epoxidized natural rubber latex or natural rubber latex or in a wet coagulum thereof from an epoxidized natural rubber latex or natural rubber in a latex form or in a wet coagulum form, which comprises preferably first adding a surfacant such as herein described and adjusting the pH to a required value and then treating the rubber with an oxidizing agent and a reducing agent, wherein the oxidizing agent is air, oxygen or a peroxide and the reducing agent is a metal nitrite and/or a metal chlorite, with the proviso that the oxidizing agent is a peroxide when the rubber is in latex form or in wet coagulum form.

(Com. Specn. 37 pages).

Ind. Cl. : 40 F & I. 172102

Int. Cl.[4] : G01N 27/40.

A THIN FILM POLYMER-BLEND, PROTON-CONDUCTING MEMBRANE AND AN APPARATUS FOR DETECTION OF GASEOUS COMPONENT.

Applicant : UOP INC., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE IN THE UNITED STATES OF AMERICA, WITH ITS PRINCIPAL OFFICE LOCATED AT 25 EAST ALGONQUIN ROAD, DES PLAINES, ILLINOIS 60017-5017, UNITED STATES OF AMERICA.

Inventor : SANDRA LOUISE PETTY-WEEKS.

Application for Patent No. 309 DEL 87 filed on 13 Apr 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

11 Claims

Apparatus for detection, in a gas sample, of a gaseous component which is capable, in the presence of a catalytic agent, of dissociating to yield hydrogen ions or of combining with hydrogen ions comprising :

(a) a thing film polymer-blend, proton-conducting membrane which comprises a combination of an organic polymer or copolymer. an inorganic compound selected from the group consisting of phosphoric acids, sulfuric acid, heteropoly acids, and an organic compound selected from the group of polymers and copolymers having monomer units containing nitrogen, oxygen, or sulfur atoms, which organic compound is compatible with said inorganic compound and said organic polymer or copolymer;

(b) a membrane housing comprising a sample gas chamber and a chamber containing a reference substance such as herein described separated by a partition comprising said membrane. said membrane having a first surface in common with the sample gas chamber and a second surface in common with the reference substance chamber;

(c) a first layer of catalytic agent such as herein described effective to promote dissociation and combination of hydrogen ions in contact with said first surface and a second layer of catalytic agent such as herein described effective to promote dissociation and combination of hydrogen ions in contact with said second surface;

(d) means for forming electrical connection in operative contact with said first layer catalytic agent at said first surface and with said second layer catalytic agent at said second surface and for measuring an EMF signal between said surfaces; and,

(e) means for introducing the gas sample into said sample gas chamber and means connected to the means for measuring EMF, for correlating the resulting EMF signal with the existence or amount of said gaseous compound.

A thin film polymer-blend, proton-conducting membrane which comprises a combination of an organic polymer or copolymer or inorganic compound selected from the group consisting of phosphoric acids, sulfuric acid, heteropoly acdis and salts of heteropoly acids, and an organic compound selected from the group of polymers and copolymers having monomer units containing nitrogen, oxygen or sulfer atoms, which organic compound is compatible with said inorganic compound and said organic polymer.

(Com. Specn. 28 pages; Drwgs. 3 sheets)

Ind. Cl. : 203. 172103

Int. Cl.[4] : C 03 C 25/02.

A METHOD OF AND APPARATUS FOR THERMALLY SENSITIVE UNIFORM HOT MELT COATED WEBS.

Applicant : ACUMETER LABORATORIES INC., A CORPORATION DULY ORGANIZED UNDER THE LAWS OF THE COMMONWEALTH OF MASSACHUSETTS, OF 34 SIMARANO DRIVE, MARLBORO, MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventor : FREDERIC SEXTON MCINTYRE.

Application for Patent No. 762/DEL/87 filed on 31st August 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

14 Claims

A method for producing thermally sensitive uniform hot melt coated webs by maintaining the dimensional stability of silicone and rubber-like web back-up rolls otherwise subject to dimensional variations as hot melt is deposited from a nozzle upon the front of the web, comprising, continuously contacting the surface of the back-up roll with a heat-conducting roll, sensing variations in heat of the surface of the back-up roll in response to the deposition of hot melt from the nozzle onto the front of the web and controlling the temperature of the heat-conducting roll in response to such sensing to control the direct transfer of heat between the back-up and heat-conducting rolls and vice-versa so as to maintain the substantial dimensional stability of the back-up roll and of the nozzle-to-web spacing.

Apparatus for carrying out the method comprising a hot melt-dispensing nozzle (N) and a web ($\downarrow$) moving system, back-up roll (R_1) of silicone and other rubber like material for engaging the back of the moving web opposite the region where the nozzle deposits the hot melt coating on the front of the web, from a predetermined spaced distance from the web; heat-conducting roll rotatably directly contacting the back-up roll and provided with means such as heater (H) for heating the heat-conducting roll (R_2) to transfer heat directly to the back-up roll and vice-versa; means such as resistance type sensor for monitoring the back-up roll surface temperature to sense variations in the same and by the deposition of hot melt from the nozzle onto the front of the web and means for controlling the temperature of the heat-conducting roll in response to such sensing to control the direct transfer of heat between the back-up and heat-conducting rolls and vice-versa, so as to maintain the substantial dimensional stability of the back-up roll and of the nozzle-to-web spacing.

(Com. Specn. 17 pages; Drwgs. 4 sheets)

Ind. Cl. : 32.B IX (1). 172104

Int. Cl.[4] : C 07 C 7/09.

A PROCESS FOR PRODUCING REFRIGERANT PROCESS STREAMS FOR USE IN COOLING GASEOUS STREAMS FROM WHICH LIGHT HYDROCARBONS CONTAINED THEREIN ARE SEPARATED.

Applicant : THE M.W. KELLOGG COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF THREE GREENWAY PLAZA, HOUSTON, TEXAS-77046-0395, UNITED STATES OF AMERICA.

Inventors : SHANMUK SHARMA, DONNIE KEITH HILL, CHARLES ARTHUR DURR.

Application for Patent No. 764/DEL/87 filed on 31st August 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

A process for producing refrigerant streams from high pressure gaseous streams containing light hydrocarbons, said refrigerant streams being employed for cooling said high pressure gaseous streams during the separation of said light hydrocarbons therefrom, which process comprises the steps of :

(a) cooling a high pressure gaseous stream containing light hydrocarbons and separating the resulting cooled high pressure stream into a first vapor stream and a separate first liquid stream;

(b) recovering the first vapor stream and the separate first liquid stream;

(c) expanding the first liquid stream to form a first intermediate pressure refrigerant stream;

(d) cooling the first vapor stream and separating the resulting cooled first vapor stream into a second vapor stream and a separate second liquid stream;

(e) recovering the second vapor stream and the separate second liquid stream;

(f) expanding at least fifty percent of the second liquid stream to form a second intermediate pressure refrigerant stream;

(g) combining the first and second intermediate pressure refrigerant streams to form a mixed intermediate pressure refrigerant stream; and

(h) if desired, employing the second intermediate refrigerant stream and/or the mixed intermediate refrigerant stream to cool one or more of the gaseous streams of steps (a) to (g).

(Com. Specn. 15 pages; Drwg. 1 sheet)

Ind. Cl. : 95 H. 172105

Int. Cl.[4]: B 26B 21/36.

RAZOR BLADE ASSEMBLY.

Applicant: WARNER-LAMBERT COMPANY, OF 201 TABOR ROAD MORRIS PLAINS, NEW JERSEY-07950 U.S.A., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATES OF DELAWARE, UNITED STATES OF AMERICA.

Inventor: FRANK ANTHONY FERRARO.

Application for Patent No. 1004/DEL/87 filed on 24 Nov 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

A razor blade assembly comprising :

(a) a frame with a substantially flat bottom portion (14), a front portion (15) having a guard bar (18) located on the top thereof and a back portion (12), wherein said front portion (15) and said back portion (12) of the frame extend upward from said bottom portion (14); said two side portions, said front portion (15), said back portion (12) and said bottom portion (14) of the frame together providing a hollow central portion of the frame;

(b) a first blade support (21) mounted on said bottom portion (14) and extending upward to support a first blade (24), and

(c) a second blade support (21) mounted on said bottom portion (14) closer to said back portion (12) than said first blade support (21) and extending upward to support a second blade (24);

Wherein each of said first blade support (21) and said second blade support (21) comprise resilient leaf springs (22, 22) to allow resilient movement of said first blade (24) and said second blade (24) in response to pressures exerted during shaving and a first pivot pin (30) mounted on said leaf spring (22) or said first blade support (21) and a second pivot pin (30') on said second blade support (21') and wherein said pins (30, 30') are attached to said frame.

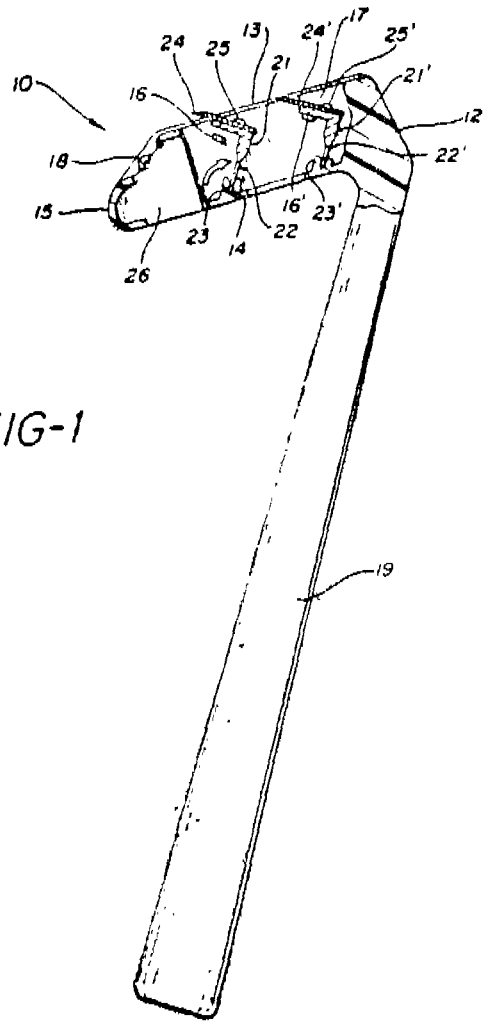


FIG-1

(Comp. Specn. 9 pages; Drwg. 3 sheets)

Ind. Cl. : 32 E. 172106

Int. Cl.[4]: C08G 59/00.

A PROCESS FOR PREPARING FUSED EPOXY RESIN.

Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., OF CAREL VAN BYLANDTLAAN 30, 2596 HR THE HAGUE, THE NETHERLANDS, A COMPANY ORGANISED UNDER THE LAWS OF THE NETHERLANDS, A RESEARCH COMPANY.

Inventors: ROY JOSEPH JACKSON & LARRY STEVEN CORLEY.

Application for Patent No. 1031/DEL/87 filed on 01 Dec 1987.

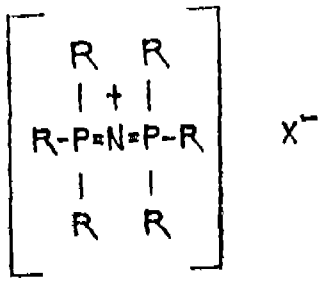
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

11 Claims

A process for preparing a fused epoxy resin having an epoxy equivalent weight of a least 500 by reacting, at a temperature in the range of 100°C ot 200C,

(a) a composition comprising a polyepoxide having an average of more than 1 vicinal epoxide group per

molecule and a weight per epoxide less than 500 and an epoxy fusion catalyst of the formula I of the drawings



in which each R is selected independently from substituted or unsubstituted hydrocarbyl and X is a compatible anion, with

(b) an acidic fusion compound selected from the group consisting a phenols, thiophenols and carboxylic acids.

(Comp. Specn. 11 pages; Drwg. 1 sheet)

Ind. Cl.: 62 D. 172107

Int. Cl.[4]: D06B 19/00.

WASH CYCLE RABRIC CONDITIONING COMPOSITION AND A PROCESS OF MANUFACTURING A COMPOSITION.

Applicant: COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 300 PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA.

Inventors: ROBERT JOHN STELTENKAMP & MICHAEL ARMAND CAMARA.

Application for Patent No. 1035/DEL/87 filed on 02 Dec 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

11 Claims

A wash cycle fabric conditioning composition used to make the fabric resistant to accumulation of static charges, said composition comprising 5 to 30% weight of static N-higher alkyl neoalkanamide or N-higher alkenyl neoalkanamide or a mixture thereof, wherein the higher alkyl or higher alkenyl is of a number of carbon atoms in the range of 8 to 20 and the neoalkanoic acid moiety is of 5 to 16 carbon atoms, and the rest being a builder salt such as herein described which is in particulate or in liquid form.

(Comp. Specn. 24 pages).

Ind. Cl.: 95 G. 172108

Int. Cl.[4]: E 02 D 21/00.

AUTOMATIC FREE FALL HAMMER.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXXI OF 1860).

Inventors: JAGDISH PRASAD KAUSHISH, DINESH KUMAR GAUTAM, VIDYA SAGAR AGGRAWAL & MAHENDRA PAL.

Application for Patent No. 1088/DEL/87 filed on 17th December 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

2 Claims

An Automatic Free Fall hammer which consists of a device for conducting Standard Penetration Test (SPT) and Dynamic Cone Penetration Test (DCPT) for the purpose of soil exploration which comprises a split spoon sampler (for SPT) a Cone (for DCPT) attached to the lower end of a drill rod assembly (5) which is made up in a required length by joining together a number of drill rods (5A), characterised in that an anvil (6) having at its bottom face the said drill rod assembly (5) attached to it through a connecting pin (6B) and a threaded nipple (6E), the top face of the anvil (6) is fixed to a hammer guide rod (7) at its centre which support a Donut type hammer (8), the anvil (6) having means (6A) & (6G) for rigidly holding a safety frame (6C) which encloses hammer (8), the top end of the safety frame (6C) being fixed to a top plate (6F), the top plate (6F) having a guide hole (17) at its centre for the said hammer guide rod (7), the Donut type hammer (8) being rigidly connected to a counter headed neck (8A), both having a centre hole (8D) for the hammer guide rod (7), the counter headed neck (8A) having bush bearing (8B&8C) at the top and bottom of the centre hole (8D), the bottom of the counter headed neck (8A) having two C-arm type trip levers (20), the trip levers (20) having lifting roller (20B) at its upper end and release roller (20C) on a horizontal arm at its centre, the said trip levers (20) being fixed at its lower end to a ring plate (19C) by hinges (20A), the top side of the ring plate (19C) being fixed to lifting flange (19) through supports (19B), the top of the trip levers (20) being connected through springs (20D) to the bottom of the lifting flange (19), the top of the lifting flange (19) being fixed to hoisting rods (22) having at its upper end a lifting beam (23) providing with a hook (24) at its top & means for lifting by known methods.

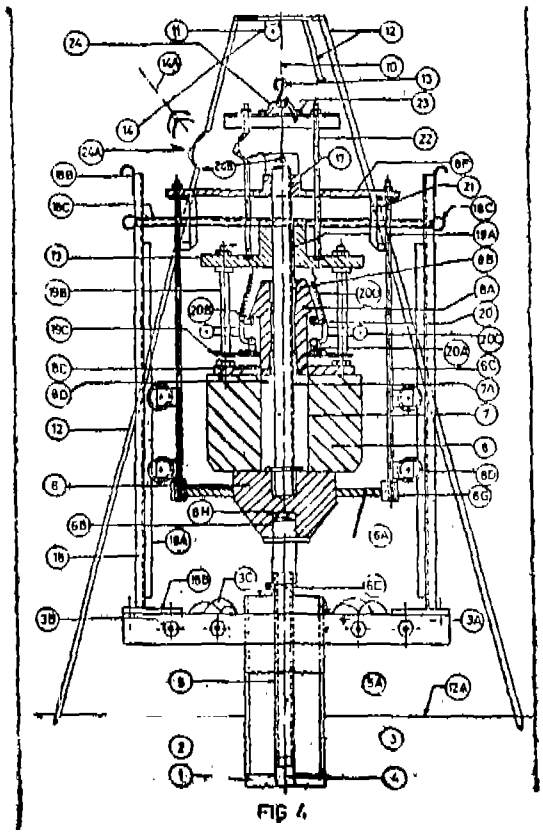


FIG 4

(Com. specn. 29 pages; Drwg. 5 sheets)

Ind. Cl.: 70 A & 130 G. 172109

Int. Cl.[4]: C22B 21/06.

AN IMPROVED CELL FOR THE ELECTRO REFINING OF ALUMINIUM.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors: KAILATHUVALLAPPIL INNIRI VASU, POONAMALLE SRINIVASA DESIKAN, KADATHUR SOMASUNDARA SRINIVASAN, UTPAL SEN, ARUNACHALAM SELVAKESAVAN, GAJAVALLI NAGARAJA RAO KANNAN, SOMASUNDARAM SUKUMARAN, LAGUDUVA KRISHNA IYER SRINIVASAN, PANCHAPAGESS SUBRAMANIAN, CHANASSERY OUSO AUGUSTIN, THANKARAJ SELVIN DEVASAHAYAM, KAYAKAR BHEEMRAO BELAWADI, NARASIMHAN RAJAGOPALAN, KOYALANANNAM SEETHARAMAN DANDAPANI & SRINIVASA SRIKKANATAN.

Application for Patent No. 1150/DEL/87 filed on 31 Dec 1987.

Complete Specification left on 15 Feb 1989. Ind. Cl.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

An improved cell for the electrorefining of aluminium which comprises a cell, divided into plurality of anode and cathode compartments, these compartments being placed alternately side by side, the compartments being formed by a refractory floating partition, the partition extending from the top of the cell upon about 50—70% of the internal height of the cell, the anode being an impure unalloyed aluminium, the cathode being pure aluminium, the electrolyte forming respective anodic and cathodic pools as well as a single pool at the bottom of the cell, the anode partition being commonly connected to an anode manifold on one side of the cell and the cathode partitions are commonly connected to a cathode manifold on the other side at the cell, the current leads of anode and cathode are taken through graphite plates submerged in the partition and proturding through the side walls of the cell.

(Prov. Specn. 8 pages; Drwg. 2 sheets)

(Complete Specification 10 pages).

Ind. Cl.: 40 H. 172110

Int. Cl.[4]: B 01 D 53/14.

A PROCESS FOR PRODUCING A FLUID MIXTURE FREE OF H_2S BY THE SELECTIVE ABSORPTION OF H_2S FROM A FLUID MIXTURE.

Applicant: EXXON RESEARCH AND ENGINEERING COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, CARRYING ON BUSINESS AS A COMPANY FOR THE HOLDING OF PATENTS AND GRANTING LICENCES THEREUNDER, AND TECHNICAL DEVELOPMENT AND RESEARCH WORK AT 180 PARK AVENUE, FLORHAM PARK, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors: FRED JOHN HEINZELMANN, NOAH S. ROTHBLATT, GEORGE ROMAN CHLUDZINSKI JAMES PARK-GLASS JR, GEOFFREY RHYS SAY, GUIDO SARTORI & WIN-SOW WINSTON HO.

Application for Patent No. 171/DEL/89 filed on 22nd February 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

12 Claims

A process for producing a fluid mixture free of H_2S by the selective absorption of H_2S from a fluid mixture of the kind such as herein described and comprising H_2S therein, which comprises the steps of contacting, in a contacting zone, at absorption conditions such as herein described, said fluid mixture with an absorbent composition comprising: (1) at least one severely hindered amino compound having a cumulative-Es. value (Taft's steric hindrance constant) greater than 1.75, and (2) an amine salt, said amine salt being the reaction product of an amine selected from the group of a severely hindered amino compound having a cumulative-Es value greater than 1.75, a tertiary amine and mixtures thereof and a component selected from the group consisting of an acid having at least one pKa of not more than about 7, a decomposable salt of an acid having at least one pKa of not more than about 7, a compound capable of forming an acid having a pKa of not more than about 7 and mixtures thereof, said amine salt and said severely hindered amino compound being present in said absorbent composition in a mole ratio of said amine salt to said severely hindered amino compound ranging from 0.2 : 1 to 4 : 1 and recovering said fluid mixture free of H_2S in a manner known per se.

(Comp. Specn. 27 pages; Drwg. 4 sheets)

Registration of Assignment Licence etc. (Patents.)

Assignments, licence or other transaction affecting the interest of the original Patentees has been registered in the following case.

159976—HOSIDEN BESSON LIMITED.

PATENT SEALED

On 05-03-93

169477 169711* 169758* 169759* 169774* 169781 169840* 169871* 169874 169918* 169940* 170018* 170020 170641*.

Cal-09, Del-Nil, Mas-04 & Bom-01.

*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

RENEWAL FEES PAID

150458 150796 151658 152104 152315 152346 152501 152600
152649 152669 152675 152835 153049 153214 153311 153469
153641 153701 154048 154059 154240 154363 154368 154412
154528 154655 154656 154657 154872 154892 155165 155607
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CESSATION OF PATENTS

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AMENDMENTS PROCEEDINGS UNDER SECTION 57

Notice is hereby given that ALCATEL NV, A DUTCH COMPANY OF DE LAIRESESSESTRAAT, 153, NL-1075, AMSTERDAM, HOLLAND have made an application under section 57 of the Patents Act, 1970 for amendment of application and specification of their application for Patent No. 167701 for A METHOD OF PRODUCING AN ELONGATE POROUS BODY.

The amendments are by way of correction. The application for amendments and the proceed amendments can be inspected free of charge at the Patent Office Branch, 61, Wallajah Road, Madras 600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form-30 within 3 months from the date of the Notification at the Patent Office, Madras-2. If the written Statement of Opposition is not filed with the Notice of Opposition. It shall be left within one month from the date of filing the said Notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration of the design included in the entry.

Class 1. No. 164489 & 164490. Indian Tools Corporation, S-180, Industrial Area, Jalandhar-4, Punjab, India, Indian Partnership Firm. "Tapping cum drilling machine". June 25, 1992.

Class 1. No. 165007. Geep Industrial Syndicate Limited, Manufacturers of 28, South Road, Allahabad, U.P., India, Indian Company. "Torch". November 18, 1992.

Class 1. No. 164604. U.P. National Manufacturers Limited, Ramkatora Road, Post Box No. 1068, Varanasi-221001, U.P., India. "Monoblock Pump Set". July 21, 1992.

Class 1. No. 164676. Maharaja International Ltd. of 806, Vikram Tower, 16, Rajendra Place, New Delhi, India. "Compressor". August 14, 1992.

Class 1. No. 164686. Moulinex S.A., a French company of 11, rue Jules-Ferry, F-93170, Bagnolet, France. "Base for Rotary kitchen appliance". August 20, 1992.

Class 1. No. 164770. U.P. National Manufacturers Ltd., Ramkatora Road, P. Box No. 1068, Varanasi-221001, U.P., India. "Monoblock pump set". September 7, 1992.

Class 3. Nos. 164342 & 164344. Shah Engineering, Dayasagar, Bhayandar (E), Dist. Thane-401105, Maharashtra, India, Partnership Firm. "Key Kaps" & "Paper punching machine". May 7, 1992.

Class 3. Nos. 164528 to 164536. Palimondial S-A. of 32, Rue J.P., Brasseur, Luxemburg, Luxemburg Company. "Toy constuction element". July 14, 1992.

Class 3. No. 164613. Time Packaging Ltd. of 604, Vishwananak, I.C.T. Link Road, Chakala, Andheri (E), Bombay-400099, Maharashtra, India, Indian Company. "Insert". July 21, 1992.

Class 3. Nos. 164616 & 164617.—do—. "Jerrycan". July 21, 1992.

Class 3. No. 164636. Rajiv Plastics Industries, 16, Steel Made, Marol Village, Andheri (East), Bombay-59, Maharashtra, India, Indian Partnership Firm. "Container". July 29, 1992.

Class 3. No. 164637. Varun Enterprises, A-204, Claridge, Samarth Nagar, Cross Road No. 3, Lokhandwala Complex, Andheri (W), Bombay-400058, Maharashtra India. Proprietory firm. "Comb". July 29, 1992.

Class 3. No. 164651. Hindustan Lever Ltd. of Hindustan Lever House, 165/166, Backbay Reclamation, Bombay-400020, Maharashtra, India, Indian Company. "Multicavity Dispensing container". July 31, 1992.

Class 3. No. 164661. ICPA Health Products Pvt. Ltd. of Adarsh Industrial Estate, Sahar Road, Bombay-400099, Maharashtra, India, Indian Company. "Bottle". August 10, 1992.

Class 3. Nos. 164840 to 164844. L. V. Sham Cottage Industries, 2292/2, Inside Gate Hakiman, Amritsar-143001, Punjab, India, Indian Partnership Firm. "Torch". October 1, 1992.

Class 3. No. 164948. Starlite Sunthetics Pvt. Ltd. of Sanskirit Bhawan, Jhandewalan, New Delhi-110055. India. "Thermoware Casserole". November 9, 1992.

Class 4. No. 165315. Mohan Breweries & Distilleries Ltd., an Indian Co. of Rayala Towers, 2nd floor, 781, Anna Salai, Madras-600002, T.N., India. "Bottle". February 11, 1973.

R. A. ACHARYA
Controller General of Patent, Designs and Trade Marks

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